

REMARKS

Claims 8 and 11 are rejected under 35 U.S.C. 112, second paragraph. Claims 1, 3-4, and 6-13 are rejected under 35 U.S.C. 102(b) as being anticipated by Okamoto (US 5,214,509). Claim 2 is rejected under 35 U.S.C. 103(a) as being unpatentable over Okamoto (US 5,214,509) in view of Sakuda (US 5,886,545). Claims 1-2, 4 and 6 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kim (US 4,766,493).

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1. Rejection of claims 8 and 11 under 35 U.S.C. 112, second paragraph:

Claims 8 and 11 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

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Claims 8 and 11 recite the limitation "the monitor" in "display panel". There is insufficient antecedent basis for this limitation in the claim.

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Response:

Claims 8 and 11 have each been amended to provide antecedent basis for the monitor. Reconsideration of claims 8 and 11 is requested.

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2. Rejection of claims 1, 3-4, and 6-13 under 35 U.S.C. 102(b):

Claims 1, 3-4, and 6-13 are rejected under 35 U.S.C. 102(b) as being anticipated by Okamoto (US 5,214,509) for reasons of record, as recited on pages 2-3 of the above-indicated Office action.

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Response:

Claims 1, 4, 8, and 11 have each been amended to distinguish from the prior art. Each of these four independent claims now contain limitations stating that
5 the testing signal is generated from the H-BLANK signal, and that the testing signal and the H-BLANK signal have substantially similar duty cycles. This amendment is supported by the specification on page 6, lines 9-15 and in Fig.4. No new matter has been added through any
10 amendments to the claims.

The waveforms of the H-BLANK signal and the testing signal are substantially similar to each other. The amplitude of the H-BLANK signal is adjusted to generate
15 the testing signal, but the duty cycles remain approximately equal.

Okamoto, on the other hand, teaches that a false video signal generator 12 contains an inverter transistor Q1
20 (col.3, lines 18-22) for generating a false maximum-white signal E as an inverse of a blanking pulse B (col.4, lines 6-9). The blanking pulse B is illustrated in Fig.2B, and the false maximum-white signal E is illustrated in Fig.2E. The pulses shown in Figs.2B and 2E are clearly inverses
25 of one another. There is no suggestion, teaching, or motivation given by Okamoto for making the false maximum-white signal E have a substantially similar duty cycle as the blanking pulse B. In fact, the use of the inverter transistor Q1 actually teaches away from this
30 point.

Therefore, Okamoto does not anticipate the amended

claims 1, 4, 8, and 11 of the instant application. Claims
3, and 6-7, 9-10, and 12-13 are dependent on their
respective base claims, and should be allowed if claims
1, 4, 8, and 11 are allowed. Reconsideration of claims 1,
5 3-4, and 6-13 is respectfully requested.

3. Rejection of claim 2 under 35 U.S.C. 103(a):

Claims 2 is rejected under 35 U.S.C. 103(a) as being
unpatentable over Okamoto (US 5,214,509) in view of Sakuda
10 (US 5,886,545) for reasons of record, as recited on page
4 of the above-indicated Office action.

Response:

Claim 2 is dependent on claim 1, and should be allowed
15 if claim 1 is allowed. Reconsideration of claim 2 is
respectfully requested.

4. Rejection of claims 1-2, 4 and 6 under 35 U.S.C. 103(a):

Claims 1-2, 4 and 6 are rejected under 35 U.S.C. 103(a)
20 as being unpatentable over Kim (US 4,766,493) for reasons
of record, as recited on pages 4-5 of the above-indicated
Office action.

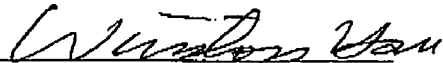
Response:

25 Kim does not teach or suggest that a testing signal is
generated from an H-BLANK signal, and does not teach that
the testing signal and the H-BLANK signal have
substantially similar duty cycles. Therefore, the
currently amended claims 1 and 4 are not unpatentable over
30 Kim. Claims 2 and 6 are respectively dependent on claims
1 and 4, and should be allowed if claims 1 and 4 are allowed.
Reconsideration of claims 1-2, 4, and 6 is respectfully

requested.

Respectfully submitted,

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